

ATTORNEY DOCKET NO. 600-33-DIV

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Examiner: Unknown
BEARD, et al.)
) Art Unit: 1626
)
Serial No.: 10/612,667)
)
Filed: 07/02/03)
)
For: AMINES SUBSTITUTED WITH)
DIHYDRONAPHTHALENYL,)
CHROMENYL OR)
THIOCHROMENYL GROUP HAVING)
RETINOID-LIKE BIOLOGICAL)
ACTIVITY)

**INFORMATION DISCLOSURE
STATEMENT**

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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I hereby certify that this correspondence is being deposited on October 6, 2003
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Toni Whyte
Toni Whyte
October 6, 2003
Date

Dear Sir:

Pursuant to 37 CFR Sections 1.97 and 1.98, and in fulfillment of the duty of candor set forth in 37 CFR Section 1.56, Applicant cites the following documents listed on Form 1449, submitted herewith. Copies of the non-U.S. references are enclosed.

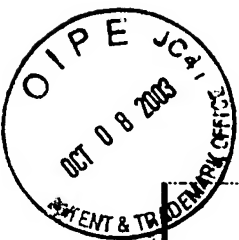
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
		US-5,877,207	03/02/99	Klein, et al.	
		US-4,898,872	02/06/90	Campbell, et al.	
		US-5,773,594	06/30/98	Johnson, et al.	
		US-5,505,083	03/09/96	Hines	
		US-5,808,124	09/15/98	Beard, et al.	
		US-5,952,345	09/14/99	Klein et al.	
		US-5,958,954	09/28/99	Klein et al.	
		US-5,618,931	04/08/97	Beard et al.	



		US-5,489,584	02/06/96	Vuligonda, et al.	
		US-5,559,248	09/24/96	Starrett, Jr., et al.	
		US-5,648,514	07/15/97	Johnson, et al.	
		US-5,455,265	10/03/95	Chandraratna	
		US-5,763,635	06/09/98	Vuligonda	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code - Number ² - Kind ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Comments	T ⁴
		WO 9845242 A1	10/15/98	Shudo, et al.		
		French Patent 94 05019	10/27/95	Bernardon Jean-Michel	Describes bicyclic aromatic compounds shown by the formula in the first page of the application. The compounds are said to be usable as pharmaceuticals and cosmetics.	
		Japanese Patent JP63132864	06/04/88	Masamoto, et al.	Has an English language abstract.	
		EPO 0 661 259 A1	07/05/95	Starrett, et al.		
		WO 93/11755	06/24/93	Evans, et al.		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ²
		DAWSON, et al., Chemistry and Biology of Synthetic Retinoids, 1990, 334-335 and 324-356, CRC Press inc.				<input type="checkbox"/>
		VERMA et al., Cancer Research, 1977, 2196-2201, 37				<input type="checkbox"/>
		O'BRIEN et al., Cancer Research, 1975, 1662-1670				<input type="checkbox"/>
		FEIGNER P.L. et al., Focus, 1989, 112				<input type="checkbox"/>
		HEYMAN et al., Cell, 1992, 397-406, 68				<input type="checkbox"/>
		ALLEGRETTO et al., J. Biol. Chem., 26625-26633, 268				<input type="checkbox"/>
		MANGELSDORF et al., The Retinoids: Biology, Chemistry, and Medicine, 319-349, Raven Press Ltd., New York				<input type="checkbox"/>
		CHENG et al., Biochemical Pharmacology, 3099-3108, 22				<input type="checkbox"/>
		KLEIN et al., J. Biol. Chem., 1996, 22692-22696, 271				<input type="checkbox"/>



	CHEN et al., Mol. Cell. Biol., 1987, 2745-2752, 7	<input type="checkbox"/>
	DE WET, Mol. Cell. Biol., 1987, 725-737, 7	<input type="checkbox"/>
	NAGPAL et al., Embo J., 1993, 2349-2360, 12	<input type="checkbox"/>
	JOHNSON et al., 1999, 1321-1338, 7	<input type="checkbox"/>
	MARCH, Advanced Organic Chemistry, 2 nd edition, McGraw-Hill Book Company, pg. 357, 810, 1124	<input type="checkbox"/>
	MCOMIE, Plenum Publishing Press, 1973 and Protecting Groups, Ed. Greene, John Wiley & Sons, 1981.	<input type="checkbox"/>
	COREY et al., Tet. Lett., 1979, 399	<input type="checkbox"/>
	OMURA et al., Tetrahedron, 1978, 34, 1651	<input type="checkbox"/>
	OLD et al., J. Am. Chem. Soc., 1998, 120, 9722	<input type="checkbox"/>
	LAKSHMAN et al., J. Am. Chem. Soc., 1999, 121, 6090	<input type="checkbox"/>

REMARKS

Submission of the foregoing document is no representation that a search was made, or if made, that it was comprehensive, or that no other documents exist which may be material to the above-identified application. Moreover, the Applicant does not concede that the foregoing document is necessarily prior art to the invention.

Date: October 6, 03

By: Gabor L. Szekeres
Gabor L. Szekeres
Registration No. 28,675

Law Offices of Gabor L. Szekeres
8141 E. Kaiser Boulevard, Ste. 112
Anaheim, CA 92808
Telephone: (714) 998-3295 Facsimile: (714) 998-3296



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **1** of **3**

Complete if Known

Application Number	10/612,667
Filing Date	07/02/03
First Named Inventor	Richard BEARD, et al.
Art Unit	1626
Examiner Name	Unknown
Attorney Docket Number	600-33-DIV

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³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Group Art Unit	1626
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	600-33-DIV

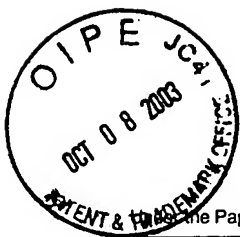
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		DAWSON, et al., Chemistry and Biology of Synthetic Retinoids, 1990, 334-335 and 324-356, CRC Press inc.	<input type="checkbox"/>
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